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Form PTO-1449	Serial Number 09/576,652	Docket PD-200029
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Applicant Frank A. Hagen et al.	
(Use several sheets if necessary)	Filing Date May 22, 2000	Group 2684

U.S. PATENT DOCUMENTS

	Document Number	Date	Name	Class	Sub Class	
RSO	5,109,390	04/28/92	Gilhousen et al.	=		
RSD	5,339,330	08/16/94	Mallinckrodt		J	
RSD	5,365,447	11/15/94	Dennis		→	
130	5,379,320	01/03/95	Fernandes et al.			
RSD	5,408,237	04/18/95	Patterson et al.			
RSO	5,423,059	06/06/95	LoGalbo et al.	DE	751	/ED
RSD	5,467,282	11/ 14 /95	Dennis	1177		/ ニリ
RSD	5,572,216	11/05/96	Weinberg et al.	FE	5 1 3	004
RSD	5,592,481	01/07/97	Wiedeman et al.	, , , ,	210	,001
RSD	5,594,941	1/14/97	Dent	technol	ogy Ce	hter 2600
RS/2	5,608,722	03/04/97	Miller	10011110	-31	
RSD [5,617,410	04/01/97	Matsumoto			
RSD	5,867,109	02/02/99	Wiedeman			
RSD	5,903,549	05/11/99	Von der Embse et. al		_	
RSD	5,907,813	05/25/99	Johnson, Jr. et al.			
RD	5,918,157	06/29/99	Wiedeman et al.			
RSD	5,956,619	09/21/99	Gallagher et al.	,		
RSD	6,020,845	02/01/00	Weinberg et al			
RSD	6,032,041	02/29/00	Wainfan et al.			

FOREIGN PATENT DOCUMENTS

	_	Ocument Number	Date	Name	Class	Sub Class	
RSD	EP 06	82 416 A2	11/15/95	EPO	,		
RSD	EP 0	749 252 A	12/18/96	EPO			
RSD	EP 07	76 099 A2	05/28/97	EPO			
RSM	EP 0	845 874 A2	06/03/98	EPO			
RSD	EP 0	860 708 A	08/26/98	EPO			
RD	EP 0	860 709 A	08/26/98	EPO			
	ОТН	ER DOCUMEN	TS (including	Author, Title, Date, Pertinent Pages, et	c.)		
Colella, Nicholas J. et al., "The HALO Network™", IEEE Communications Magazine, June 2000, pp. 142-148.							
Colella, Nicholas J. et al., "High Speed Internet Access via Stratospheric HALO Aircraft", INET 99 Proceedings, Internet Society, Technology, Wireless, 13 pages, June 8, 1999.							
Examiner Date Considered 3/2/04							
		1	<u> </u>	7 7 7			



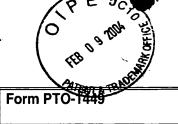
Form PTO TRACE	Serial Number 09/576,652	Docket PD-2000291	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Applicant Frank A. Hagen et al.		
(Use several sheets if necessary)	Filing Date May 22, 2000	Group 2684	

U.S. PATENT DOCUMENTS

	Document	Date	Name	Class	Sub	
	Number				Class	
RSD	6,067,442	05/23/00	Wiedeman et al.			
RSD	6,104,911	08/15/00	Diekelman			
RSD	6,195,555 B1	02/27/01	Dent			
RSD	6,229,477 B1	05/08/01	Chang et al.			
RSD	6,246,363 B1	06/12/01	Yung et al.			
RSD	6,266,533 B1	07/24/01	Zadeh et al.			
RSD	6,295,440 B2	09/25/01	Chang et al.			
KSD	6,301,231 B1	10/09/01	Hassan et al.			
RSD	6,313,790 B2	11/06/01	D. C. D. Chang et al.			
RS12	6,314,269 B1	11/ 06/01	Hart et al.			
RSD	6,324,381 B1	11/27/01	Anselmo et al.			
RSD	6,336,030 B2	01/01/02	Houston et al.	HE2	ZEIV	/ED
RIN	6,337,980 B1	01/08/02	Chang et al.		1 9 7	004
RSI	6,340,947 B1	01/22/02	Chang et al.	-FEI	1.04	004
RYD	6,377,208 B2	04/23/02	Chang et al.	Taskaal	Co	tor 260
RSD	6,388,615 B1	05/14/02	Chang et al.	Technol	ngà ro	1101 200
RSN	6,563,457 B2	05/13/03	Chang et al.			
ReD	US 2001/0000167 A1	4/2001	Chang et al.			
181)	US 2001/0045903-A1	11/29/01	Chang et al.			
RU	US 2002/0053987 A1	05/09/02	Chang et al.			

FOREIGN PATENT DOCUMENTS

		Document	Date	Name	Class	Sub	
		Number				Class	
RSD		EP 0 860 710 A2	08/26/98	EPO	-		
RSh		EP 0 860 952 A	08/26/98	EPO	,		
RSD		EP 1 037 403 A2	09/20/00	EPO			
RSA		EP 1 148 662 A2	10/24/01	EPO			
RED		EP 1 158 698 A2	11/28/01	EPO]	
RSD		GB 2 349 045	10/18/00	Great Britain			
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)							
P	Colel	la, Nicholas, "HALO Net	work - The Birth of	Stratospheric Communications Services	& the Dec	line of	
Satellite Networks", http://www.angelhalo.com/techpaper6, Copyright 1997-1999.							
Rsh				mmunications Services via High- Aerona		orms: A	
	Conc	ept Whose Time Has Co	ome?" IEEE Comn	nunications Magazine, 9/1997, pp. 128-13	35		
Examin	er	00	Da	ate Considered			
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L/ <i>Y</i> /~	7/			1/4/1/			
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U.S. PATENT DOCUMENTS

Document Number	Date	Name	Class	Sub Class

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Name	Class	Sub Class	
RSD	JP 08-331030	12/13/96	Japan (Believed to correspond to US 5,592,481)			
RSD	JP 10-209939	08/07/98	Japan (Believed to correspond to US 5,956,619)			
RSD	JP 11-8579	01/12/99	Japan (Believed to correspond to US 5,918,157)			
RSD	WO 01/93458 A2	12/06/01	WIPO	KEG		ヒリ
RSD	WO 01/94969 A2	12/13/01	WIPO	,	- 00	1,
RSD	WO 01/95520 A2	12/13/01	WIPO	FEB-	1_3_20 0	14
RSD	WO 01/95522 A1	12/13/01	WIPO		Cont	2600
RSD	WO 90/13186	11/01/90	WIPO	chnolog	y Cent	#1 2000
RSD	WO 95/04407	02/09/95	WIPO			
RSD	WO 96/22661	07/25/96	WIPO			
RSD	WO 9851568 A	11/19/98	WIPO			
RSD	WO 99/13598	03/18/99	WIPO			
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)						
RSD	Martin, James N. et al., "HAL http://www.angelhalo.c					
2		^_	band Wireless Services from High Altitud	de Long Or	peration	
100			om/techpaper2, copyright 1997-1998.			
RSD			g Operation): A Broadband Wireless Met ile Multimedia Communications, 11/1999			
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Examin	er A A	Da	ate Considered			
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